

Rec'd PCT/PTO 28 MAR 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :
Turid RISDAL et al. : Attn: BOX PCT
Serial No. [NEW] : Docket No. 2002-0434A
Filed March 28, 2002 :
MEMBRANE AND USE THEREOF :
[Corresponding to PCT/NO00/00312 :
Filed September 22, 2000]

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEE FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975.

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents,
Washington, DC 20231

Sir:

In the interest of compact prosecution and to reduce PTO filing fees, please amend the present application as follows:

IN THE CLAIMS:

Please cancel claims 4 and 5 without prejudice to the subject matter thereof and add the following claims in their place:

6. (New) In a membrane reactor for generating heat by oxidation of a carbon containing fuel to CO₂ and H₂O on the oxidation side of the membrane reactor, the improvement which comprises employing a membrane reactor containing the membrane of claim 1.

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7. (New) In a method for generating synthesis gas consisting of one or more of the components CO, CO₂, H₂ and N₂ in a membrane reactor where the reactor is capable of reacting a mixture of steam and a carbon containing fuel with oxygen permeated through said membrane to make synthesis gas, the improvement which comprises employing a membrane reactor containing the membrane of claim 1.